

STEM Evaluation for:
Corynocarpus laevigatus
(Karaka) - Native
Location: Moutua Gardens
STEM Score : 117

Assessed by: Marc Higgle, Consultant Arborist, 1 November 2013

History:

Planted at signings of Tripartite Agreement, 28 February 2001. – Supplied.

Visual Comments:

- This is a young tree with great potential to grow into a well formed specimen with good management practices. It is at a good age to formative prune.
- There are co-dominant stems from 1metre.
- The tree protection around it has been damaged and it is too close to the tree to allow much future trunk growth.
- There have been some small branch failures in the past. Vandalism is likely to be the cause. There is one split union between two branches present.

Recommendations:

- Formative prune to encourage single leader dominance and good height.
- Remove protection and install a wide mulch circle to encourage healthy root growth and discourage root damage.



Full Tree Evaluation Score Sheet

Corynocarpus laevigatus - Karaka 1.11.13

Condition Evaluation

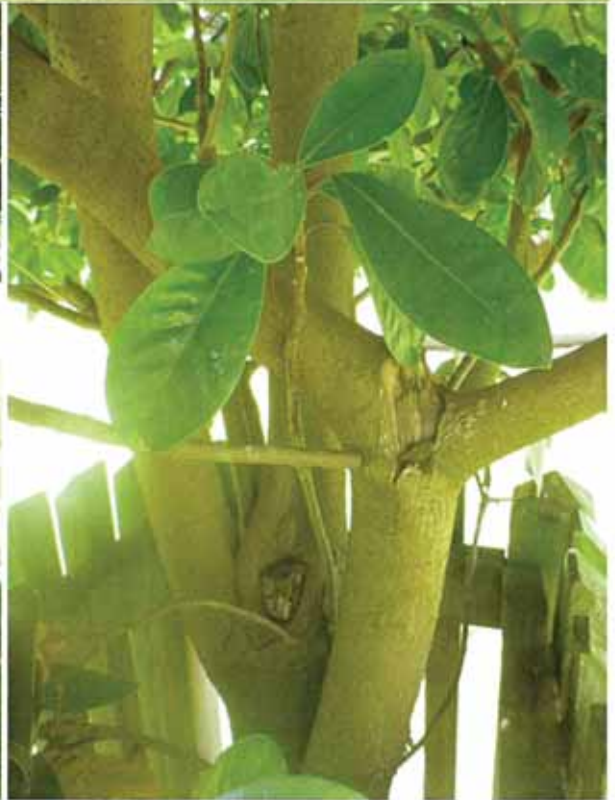
Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	15
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	9
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	3
Subtotal Points						57

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	3
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	21
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						39

Notable Evaluation

Recognition Points	Local	District	Regional	National	International	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						
• Commemoration						21
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						21
Total Points						117



STEM Evaluation for:

Podocarpus totara

(Totara) - Native

Location: Moutua Gardens

STEM Score: 138

Assessed by: Marc Higgle, Consultant Arborist, 12 November 2013

History:

Planted by R.G Russell, QSM, Mayor of the City on May 29 1978, to commemorate the site of the purchase of Wanganui by the New Zealand Co. on May 28 1840. The sale was disputed by the Maoris and the purchase finally took place on May 26, 27 and 28, 1848, when over 200 Maoris signed the agreement for sale and Donald McLean signed on behalf of the Government. – Streets of Wanganui 1989, page 51.

Visual Comments:

- Nicely shaped tree but with numerous co-dominant leaders.
- Very little pruning history evident.
- Large for its age.
- There are some large exposed roots with only minor damage.

Recommendations:

- Sub-ordinate pruning some of the weaker co-dominant leaders over a number of years will eventuate in a better formed tree.
- A larger mulch circle will protect roots from further damage.
- A light crown lift will bring more light and visibility under the tree.

Full Tree Evaluation Score Sheet

Podocarpus tetara
Condition Evaluation

12.11.13

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very good	Specimen	9
Occurrence	Predominant	Common	Infrequent	Rare	Very Rare	15
Vigour & Vitality	Poor	Some	Good	Very good	Excellent	21
Function	Minor	Useful	Important	Significant	Major	9
Age (yr)	10yrs. +	20yrs. +	40yrs. +	80yrs. +	100yrs. +	9
Subtotal Points						63

Amenity Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3 to 8	9 to 14	15 to 20	21 to 26	27+	9
Visibility (km)	0.5	1.0	2.0	4.0	8.0	3
Proximity	Forest	Parkland	Group 10+	Group 3+	Solitary	9
Role	Minor	Moderate	Important	Significant	Major	45 21
Climate	Minor	Moderate	Important	Significant	Major	3
Subtotal Points						45

Notable Evaluation

Recognition Points	Local 3	District 9	Regional 15	National 21	International 27	Score
Stature						
• Feature						
• Form						
Historic						
• Age 100+						
• Association						9
• Commemoration						21
• Remnant						
• Relict						
Scientific						
• Source						
• Rarity						
• Endangered						
Subtotal Points						30
Total Points						138





